

2019 CSO OUTFALL REPAIRS

LOCATION	Status of completion: date as of 7/13/21	ASSET ID	EXISTING SIZE & MATERIAL	PIPE LENGTH (ft)	AVG. DEPTH (ft)	PROPOSED WORK ORDER	ANTICIPATED WORK ORDER ISSUANCE DATE	PREVAILING WAGE	UPSIZE	ENGINEERING SERVICES	PERMIT REQUIRED	ANTICIPATED GATES AND WEIR REPLACEMENT ¹⁾	RECOMMENDED REPAIRS	CONSISTENT WITH CRW NOTES
CSO-007 (Front & Pepper)	Deferred	SSP-003012	24" VCP	32	20	2017-23 - WO 2019-15	Nov. 2019	YES	24" to 30"			Upsize Flap Gate and Weir	Replace pipe between SSMH-000475(Diversion Chamber) and SSMH-000168(Flood Chamber) with 30" SLCPP. Install new flap gate inside flood chamber. May cross gas main, Front Street Interceptor and water main.	NO
CSO-010 (Front & Reilly)	Jan. 2021	SSP-003030	30" brick, CIP	87	21	2017-23 - WO 2019-14	Nov. 2019	NO	NO				Geopolymer line approximately 20 linear feet of 48" brick pipe. Repair hole in pipe at STA 0+03 and 0+20.	NO
CSO-034 (Cameron & Market)	Jan. 2021	SSP-003156	48" brick	43	14	2017-23 - WO 2019-14	Nov. 2019	NO	NO				Geopolymer line approximately 43 linear feet of 48" brick pipe. Repair sinkhole.	YES
CSO-034 (Cameron & Market)	Jan. 2021	SSP-003157	48" brick	73	14	2017-23 - WO 2019-14	Nov. 2019	NO	NO				Geopolymer line approximately 73 linear feet of 48" brick pipe. Repair sinkhole.	YES
CSO-053 (Front & South)	Spring 2021	SSP-003238	36" brick	18	9	2017-23 - WO 2019-14	Nov. 2019	NO	NO				Replace approximately 18 linear feet of 36" brick with 36" SLCPP.	NO
CSO-027 (9th & Cumberland)		SSP-003119	30" RCP	27	11	2019-09 - WO 2019-03	Dec. 2019	NO	NO				CIPP line approximately 27 linear feet of 30" RCP, Install new flap gate inside flood chamber	YES
CSO-027 (9th & Cumberland)		SSP-003120	30" brick	10	11	2019-09 - WO 2019-03	Dec. 2019	NO	NO				CIPP line approximately 10 linear feet of pipe between SSMH-000185(Flood Chamber) and SSMH-000280(Manhole) with 30" RCP. Structurally line SSMH-000280.	YES
CSO-027 (9th & Cumberland)		SSP-003121	30" brick, Ellipse CMP	28	11	2019-09 - WO 2019-03	Dec. 2019	NO	NO				CIPP line approximately 28 linear feet of 30" RCP/CMP.	YES
CSO-029 (Cameron & Goodwill)	Deferred	SSP-003126	22" brick	37	8	2017-23 - WO 2020-01	Spring 2020	YES	22" to 36"	Survey and permitting	GP-11	Upsize Flap Gate and Weir	Install 40 linear feet of 36" SLCPP to replace 22" brick pipe. Install new flap gate to accommodate upsized pipe. Structurally line existing diversion chamber.	YES
CSO-041 (10th & Mulberry)	Deferred	SSP-003183	18" brick	24	10	2017-23 - WO 2020-02	Spring 2020	NO	NO	Survey and permitting	GP-11		Replace approximately 24 linear feet of 18" brick pipe with 18" PVC.	YES
CSO-041 (10th & Mulberry)	Deferred	SSP-003184	21" RCP	59	11	2017-23 - WO 2020-02	Spring 2020	NO	NO	Survey and permitting	GP-11	Flap Gate	Replace approximately 59 linear feet of 21" RCP with 21" PVC.	YES
CSO-041 (10th & Mulberry)	Deferred	SSP-003185	21" RCP, brick	41	11	2017-23 - WO 2020-02	Spring 2020	NO	NO	Survey and permitting	GP-11	Flood Gate	Replace approximately 41 linear feet of 21" brick pipe with 21" PVC.	YES
CSO-052 (Cameron & Shantel) April 2019														Repair erosion exposing pipe only. Work was completed by CRW crews with 2 yards concrete.
Notes: 1) Flap gate, flood gate, and weir revisions/replacements are anticipated. Additional revisions may be required by the Contractor. CDM stated that each structural repair will include flap gate installation/repair, however we have included only the replacement of flap gates as necessary for completion of the work as requested by CRW.														